

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| L1    | 11   | (first with (lens\$2 or group \$1) with positive) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) same (paraxial with height)                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/06/03<br>19:27 |
| L2    | 672  | (359/687).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/06/03<br>20:33 |
| L3    | 5820 | (first with (lens\$2 or group \$1) with positive) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/06/03<br>20:33 |
| L4    | 1154 | (first with (lens\$2 or group \$1) with positive with concave with convex) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive)                        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/06/03<br>20:33 |
| L5    | 607  | (first with (lens\$2 or group \$1) with positive with concave with convex with image with object) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/06/03<br>20:33 |

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| L6  | 182 | (first with (lens\$2 or group \$1) with positive with concave with convex with image with object with cement\$3) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive)                         | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:33 |
| L7  | 8   | (first with (lens\$2 or group \$1) with positive with concave with convex with image with object with cement\$3 with five) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive)               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:33 |
| L8  | 1   | (first with (lens\$2 or group \$1) with positive with concave with convex with image with object with cement\$3 with five) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) same paraxial | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:33 |
| L9  | 89  | (first with (lens\$2 or group \$1) with positive) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) same paraxial  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:33 |
| L10 | 4   | (first with (lens\$2 or group \$1) with positive) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) same (paraxial with ray with height)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:33 |

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| L11 | 509  | L2 and L3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:39 |
| L12 | 297  | L11 and @ad<="20030117"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:40 |
| L13 | 368  | (first with (lens\$2 or group\$1) with positive with five) same (second with (lens\$2 or group\$1) with negative) same (third with (lens\$2 or group\$1) with positive) same (fourth with (lens\$2 or group\$1) with positive) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:43 |
| L14 | 27   | L2 and L13   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:44 |
| L15 | 14   | L14 and @ad<="20030117"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:44 |
| L16 | 1174 | (359/683-685).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:47 |
| L17 | 1157 | (359/715,740,774).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>20:47 |
| L18 | 2673 | L16 or L2 or L17   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>21:05 |

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| L19 | 303 | L4 and L18  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/06/03<br>21:05 |
| L20 | 0   | (lens\$2 with first with<br>second with third with<br>fourth with negative with<br>positive with concave with<br>convex with paraxial).clm. | US-PGPUB  | OR | OFF | 2008/06/03<br>22:12 |
| L21 | 1   | (lens\$2 with first with<br>second with third with<br>fourth with negative with<br>positive with paraxial).clm.                             | US-PGPUB  | OR | OFF | 2008/06/03<br>22:12 |
| L22 | 212 | (lens\$2 with paraxial).clm.  | US-PGPUB  | OR | OFF | 2008/06/03<br>22:13 |
| L23 | 42  | (lens\$2 with paraxial with<br>height).clm.   | US-PGPUB  | OR | OFF | 2008/06/03<br>22:13 |
| L24 | 2   | (lens\$2 with (paraxial adj<br>ray adj height)).clm.  | US-PGPUB  | OR | OFF | 2008/06/03<br>22:13 |

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